



US 20030201984A1

(19) **United States**(12) **Patent Application Publication**  
**Falvo**(10) **Pub. No.: US 2003/0201984 A1**(43) **Pub. Date: Oct. 30, 2003**(54) **METHOD AND APPARATUS FOR  
NAVIGATING AN IMAGE USING A  
TOUCHSCREEN**(52) **U.S. Cl. .... 345/173**(75) **Inventor: Barry P. Falvo, Norristown, PA (US)**(57) **ABSTRACT**

Correspondence Address:  
**AKIN GUMP STRAUSS HAUER & FELD  
L.L.P.  
ONE COMMERCE SQUARE  
2005 MARKET STREET, SUITE 2200  
PHILADELPHIA, PA 19103-7013 (US)**

A method and apparatus for navigating an image viewed on a display screen. The image is controlled by a processor that receives navigational commands selected on a touchscreen of an auxiliary display device. The touchscreen is partitioned into a plurality of navigational control areas. Each navigational control area is associated with a different navigational command. When one of the navigational control areas of the touchscreen is selected, the navigational command associated with the selected navigational control area is transmitted to the processor. The processor receives and executes the transmitted navigational command to navigate the image. The boundaries of the control areas are normally hidden from view, but can be revealed on the touchscreen in response to a user input.

(73) **Assignee: General Instrument Corporation**(21) **Appl. No.: 10/134,158**(22) **Filed: Apr. 26, 2002****Publication Classification**(51) **Int. Cl.<sup>7</sup> ..... G09G 5/00**